

# National Weather Service

## FY 2003 DOC Budget Submission

(\$ in thousands)

| Operations, Research & Facilities                           | FY 2002<br>President's |               | NOAA<br>Approved | FY 2003        |
|---|------------------------|---------------|------------------|----------------|
|   | Budget                 | ATBs*         | Changes          | Request        |
| <b>Operations &amp; Research</b>                            |                        |               |                  |                |
| Local Warnings & Forecasts                                  | 518,709                | 21,000        |                  | 539,709        |
| NOAA Weather Radio  | 2,323                  |               |                  | 2,323          |
| Alaska Data Buoys   | 1,700                  |               |                  | 1,700          |
| Sustain Cooperative Observer Network                        | 2,299                  |               |                  | 2,299          |
| Advanced Hydrologic Prediction Service                      | 1,000                  |               | 5,000            | 6,000          |
| Advanced Hydrologic Prediction Service (Energy)             |                        |               |                  | 0              |
| Coasts  |                        |               |                  | 0              |
| Aviation Safety   |                        |               | 2,500            | 2,500          |
| Fire Weather Forecasting                                    |                        |               | 2,000            | 2,000          |
| Upper Level Water Vapor Observations (Energy)               |                        |               |                  | 0              |
| Weather Forecast Office Maintenance                         | 4,550                  |               | 3,000            | 7,550          |
| <b>Subtotal, Local Warnings &amp; Forecasts</b>             | <b>530,581</b>         | <b>21,000</b> | <b>12,500</b>    | <b>564,081</b> |
| Central Forecast Guidance                                   | 39,045                 |               |                  | 39,045         |
| NCEP EMC - Sustain Current Operations                       | 1,700                  |               |                  | 1,700          |
| Data Assimilation & Modeling                                | 3,000                  |               |                  | 3,000          |
| High Resolution Models (Energy)                             |                        |               |                  | 0              |
| Climate Forecast Techniques (Energy)                        |                        |               |                  | 0              |
| <b>Subtotal, Central Forecast Guidance</b>                  | <b>43,745</b>          | <b>0</b>      | <b>0</b>         | <b>43,745</b>  |
| <b>Total, Operations &amp; Research</b>                     | <b>574,325</b>         | <b>21,000</b> | <b>12,500</b>    | <b>607,825</b> |
| <b>Systems Operations &amp; Maintenance (O&amp;M)</b>       |                        |               |                  |                |
| NEXRAD  | 39,996                 |               |                  | 39,996         |
| ASOS  | 7,651                  |               |                  | 7,651          |
| AWIPS   | 36,484                 |               |                  | 36,484         |
| NWS Telecommunications Gateway Backup - CIP (O&M)           |                        |               | 3,000            | 3,000          |
| <b>Total Systems Operations &amp; Maintenance (O&amp;M)</b> | <b>84,131</b>          | <b>0</b>      | <b>3,000</b>     | <b>87,131</b>  |
| <b>Total NWS OR&amp;F</b>                                   | <b>658,456</b>         | <b>21,000</b> | <b>15,500</b>    | <b>694,956</b> |

### Procurement, Acquisition, & Construction (PAC)

|   |                |               |                |                |
|---|----------------|---------------|----------------|----------------|
| Systems Acquisition   |                |               |                |                |
| Radiosonde Network Replacement                                  | 4,989          |               | 2,000          | 6,989          |
| NEXRAD  | 8,261          |               |                | 8,261          |
| ASOS  | 5,125          |               |                | 5,125          |
| AWIPS   | 16,264         |               |                | 16,264         |
| Weather & Climate Supercomputing                                | 15,052         |               | 6,108          | 21,160         |
| NCEP Computer Backup - CIP                                      |                |               | 8,000          | 8,000          |
| Cooperative Observer Network Modernization                      |                |               | 5,100          | 5,100          |
| Cooperative Observer Network Modernization (Energy)             |                |               |                | 0              |
| NWS Telecommunications Gateway Backup - CIP                     | 7,460          |               | (7,460)        | 0              |
| <b>Subtotal, Systems Acquisition</b>                            | <b>57,151</b>  | <b>0</b>      | <b>13,748</b>  | <b>70,899</b>  |
| Construction  |                |               |                |                |
| Weather Forecast Office Construction                            | 12,000         | 0             | (2,000)        | 10,000         |
| <b>Subtotal, Construction</b>                                   | <b>12,000</b>  | <b>0</b>      | <b>(2,000)</b> | <b>10,000</b>  |
| <b>Total Procurement, Acquisition, &amp; Construction (PAC)</b> | <b>69,151</b>  | <b>0</b>      | <b>11,748</b>  | <b>80,899</b>  |
| <b>Total, National Weather Service</b>                          | <b>727,607</b> | <b>21,000</b> | <b>27,248</b>  | <b>775,855</b> |